



1646

(30471) 59292CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Thomas T. Chen and Maria J.M. Chen ) Group Art Unit: 1646  
Serial No.: 10/674,732 ) Examiner: Eileen B. O'Hara  
Filed: August 25, 2003 )  
For: **Anti-Tumor Activity of Ea-2 and** )  
**Ea-4 Peptide of Pro-IGF-1** )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL OF  
INFORMATION DISCLOSURE STATEMENT**

Sir:

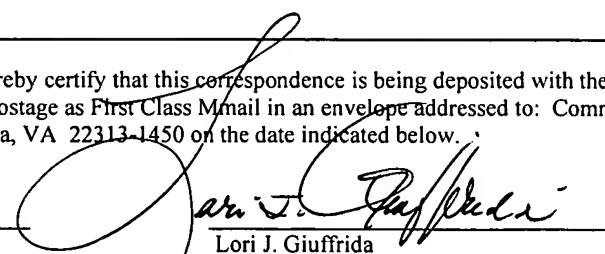
In accordance with 37 C.F.R. §1.56, the materials listed on the attached form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application.

This Information Disclosure Statement is being filed after receipt of an International Search Report in the corresponding PCT application and prior to receipt of a first Office Action. It shall not be construed as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

**CERTIFICATE OF MAILING:** I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

11-19-03

Date

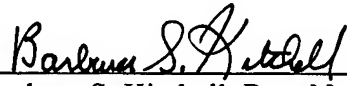
  
Lori J. Giuffrida

Thomas T. Chen and Maria J.M. Chen  
Serial No. 10/674,732

It is respectfully requested that the Examiner return a copy of the attached form PTO-1449 with initials or other appropriate marks indicating consideration of the cited materials.

Respectfully submitted,

Date: 11/19/03

  
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FORM PTO-1449

ATTY DOCKET NO.  
(30471)59292 CON

SERIAL NO.  
10/674,732

INFORMATION DISCLOSURE STATEMENT

APPLICANT(S): Thomas T. Chen and Maria J.M. Chen

FILING DATE:  
08/25/2003

ART UNIT:  
1646

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPR
	AA	5,093,317	03-MAR-92	Lewis et al.	514	12	
	AB	5,476,779	19-DEC-95	Chen et al.	435	240.1	
	AC						
	AD						
	AE						

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
	BA	0 309 050 A1	29-MAR-89	EPO			
	BB	WO 93/23067	25-NOV-93	WIPO			
	BC	WO 89/05822	29-JUN-89	WIPO			
	BD						
	BE						

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	CA	Zheng, J.L. et al., "Induction of Cell Proliferation by Fibroblast and Insulin-Like Growth Factors in Pure Rat Inner Ear Epithelial Cell Cultures," J. Neurosci. 17(1): 216-226 (January 1, 1997) (XP-002060020)
	CB	Cambrey, A.D. et al., "Insulin-Like growth factor I is a major fibroblast mitogen produced by primary cultures of human airway epithelial cells," Clinical Science 89:611-617 (1995).



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APPLICANT(S): Thomas T. Chen and Maria J.M. Chen

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UNITED STATES PATENT DOCUMENTS

	CC	Duguay, S.J. et al., "Mutational Analysis of the Insulin-like Growth Factor I Prohormone Processing Site," J. Biol. Chem. 270(29): 17566-17574 (1995).
	CD	Duguay, S.J. et al., "Nucleotide Sequence and Tissue Distribution of Three Insulin-Like Growth Factor I Prohormones in Salmon," Molecular Endocrinology, 6(8): 1202-1210 (1992).
	CE	Greene, M.W. and Chen, T.T., "Temporal expression pattern of insulin-like growth factor mRNA during embryonic development in a teleost, rainbow trout (Onchorynchus mykiss), Mol. Marine Biol. And Biotech. 6(2): 144-151 (1997).
	CF	Hylka, V.W. and Straus, D.S., "The E-domain peptide of rat pro-insulin-like growth factor II (proIGF-II): properties of the peptide in serum and production by rat cell lines, "Biochimica Biophysica Acta 1051: 6-13 (1990).
	CG	Siegfried, J.M. et al., "A mitogenic peptide amide encoded within the E peptide domain of the insulin-like growth factor IB prohormone," Proc. Natl. Acad. Sci. USA 89:8107-8111 (1992).
	CH	Shamblott M.J. and Chen, T.T., "Age-related and tissue-specific levels of five forms of insulin-like growth factor mRNA in a teleost," Mol. Marine Biol. Biotech. (2)(6): 351-361 (1993)
	CI	Wallis, A.E. and Devlin, R.H., "Duplicate Insulin-Like Growth Factor-I Genes in Salmon Display Alternative Splicing Pathways," Mol. Endocrinology 7(3): 409-422 (1993).
Examiner:		Date:



Form PTO-1449 (modified 2/91)	U.S. DEPT OF COMMERCE Patent and Trademark Office	Attorney Docket Number:  30471/59292 CON	Serial No.:  10/674,732
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		Applicants:  Thomas T. Chen and Maria J.M. Chen	
		Filing date:  August 25, 2003	Group art area:  1646

### U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Name	Class	Sub-class	

### FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Subclass	Translation

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial		
	BA	International Search Report dated 12/11/1999 for International Application Number PCT/US99/16797.
	BB	Roberts, <i>et al.</i> , "Molecular Cloning of Rat Insulin-Like Growth Factor I Complementary Deoxyribonucleic Acids: Differential Messenger Ribonucleic Acid Processing and Regulation by Growth Hormone in Extrahepatic Tissues," <i>Mol. Endocrinology</i> 1(3): 243-248 (1987).
	BC	Nagaoka, <i>et al.</i> , "Expression of insulin-like growth factor-IA and factor-IB mRNA in human liver, hepatoma cells, macrophage-like cells and fibroblasts," <i>Federation of European Biomedical Societies</i> , 280(1), 79-83 (March 1991)

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	



# Notice of References Cited

Application/Control No.

Serial No. 10/674,732

Examiner

EILEEN B. O'HARA

Applicant(s)/Patent Under

Reexamination Thomas T. Chen,  
and Maria J.M. Chen

Art Unit

1646

Page 1 of 1

## U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

## FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

## NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
*	U	Siegfried et al., PNAS, 89:8107-8111, Sept. 1992.
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.